

WATER TREATMENT PLANT SUPERINTENDENT - 2940

GENERAL DEFINITION AND CONDITIONS OF WORK:

Performs difficult technical and intermediate administrative work supervising the operation and maintenance of the water treatment plant and equipment; does related work as required. Work is performed under regular supervision. Supervision is exercised over all plant personnel.

This is heavy work requiring the exertion of 100 pounds of force occasionally, up to 50 pounds of force frequently, and up to 20 pounds of force constantly to move objects; work requires climbing, stooping, kneeling, crouching, reaching, standing, walking, lifting, fingering, grasping, and feeling; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for depth perception, color perception, preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arms length, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions, extreme cold, extreme heat, noise, hazards, atmospheric conditions, and wearing a self contained breathing apparatus.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

Planning, directing, scheduling and supervising the operation and maintenance of the water treatment plant; overseeing and participating in the preparation and maintenance of appropriate records; preparing reports.

Plans, schedules, supervises and participates in the work of plant operators;

Evaluates and counsels plant operators;

Trains operators in use of all plant equipment;

Prepares, submits and maintains a variety of reports and records on all phases of water treatment;

Maintains current knowledge and prepares necessary reports and records for state and federal OSHA and water system regulatory activities;

Acts as the ORC of the plant;

Oversees daily laboratory testing for chloride, fluoride, turbidity, pH, etc.;

Responds to citizen complaints concerning water quality; tests or has tested water samples;

Analyzes and approves new water transmission lines; tests new lines for compliance with regulations;

Establishes parameters for chemical dosage;

Ensures that water meets all federal, state and local requirements for potable water;

Evaluates employee performance and enforces discipline; interviews applicants; recommends hiring and promotions;

Develops and enforces plant safety and other procedures and regulations;

Prepares plan budget and monitors expenditures;

Oversees regular charting, testing, and logging of water operations;

Inspects the operation of the water plant to ensure conformance to standards and proper operation;

Approves adjustments in treatment;

Oversees and directs the calibration, maintenance and repair of testing, feed, and other plant equipment;

Assists in the repair, maintenance, and installation of new plant equipment;

Maintains daily records and reports on chemicals consumed, plant pumping, and other purification activities;

Performs related tasks as required.

KNOWLEDGE, SKILLS AND ABILITIES:

Thorough knowledge of the principles, practices and equipment of water plant operations; thorough knowledge of chlorination requirements of water distribution systems; thorough knowledge of the occupational hazards and safety precautions involved in water plant operation; thorough knowledge of laboratory procedures; ability to plan and supervise treatment operations; ability to prepare detailed reports and maintain records; ability to establish and maintain effective working relationships with associates and the general public.

EDUCATION AND EXPERIENCE:

Any combination of education and experience equivalent to graduation from an accredited community college with major course work in chemistry or related field and extensive experience in water plant operations.

SPECIAL REQUIREMENTS:

Possession of a Grade A certification issued by the State of North Carolina.